



Cat. No. 22-331

Coaxial Cable and Telephone Cord Tester

Your RadioShack Coaxial Cable and Telephone Cord Tester is a compact, microprocessor-controlled short, swap, or continuity tester. The tester checks the inside of the cable or cord to determine if a coaxial cable or a 2- or 4-wire telephone cord is good, open (one or more wires is broken), shorted (two or more wires are touching), or swapped (two wires are reversed), or it tests for an active telephone line.

The tester's features include:

Built-In Connectors — let you test both telephone handset cords and line cords, plus coaxial cables.

Five Indicators — show the status of the connected cable or cord.

Push-Button Testing and Ergonomic Design — Make the tester easy to operate.

Battery Low Indicator — lets you know when the battery is weak.

INSTALLING THE BATTERY

Your tester requires one 9-volt battery (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

Caution: Use only a fresh battery of the required size and recommended type.

Follow these steps to install the battery.

1. Remove the screw from the back of the tester and open the battery compartment.
2. Snap the connector over the battery's terminals and place the battery in the compartment.
3. Replace the cover.

When the OPEN and SHORT indicators alternately flash or the tester stops operating properly, replace the battery.

Warning: Dispose of old batteries promptly and properly. Do not burn or bury them.

Caution: If you do not plan to use the tester for 2–3 weeks, remove the battery. Batteries can leak chemicals that can destroy electronic parts.

Testing the Battery

To test the battery at any time, hold down **PUSH**. When the OPEN and SHORT indicators alternately flash, replace the battery as soon as possible. If you are testing a cord or cable, the test continues, but a weak battery will eventually produce inaccurate test results.

OPERATION

If you need an adapter to complete a connection to your tester, a variety of adapters are available at your local RadioShack store.

Cautions:

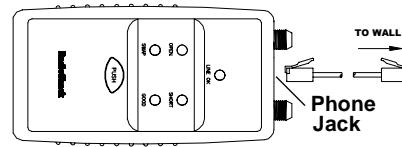
- Do not connect more than one cable at a time to the tester.
- Use the **Phone Jack** only for testing a telephone cable plugged into a telephone wall jack.

Checking for an Active Phone Line

Notes:

- If your telephone has two phone lines, this test only checks Line 1 for voltage. To check Line 2, you will need a 2-line, 3-way jack (available at your local RadioShack store). Connect the phone cord to Line 1 on the jack, then to Line 2 to test each line separately.
- The tester is not designed for permanent connection to the telephone line.

1. Plug one end of a modular telephone cord (not supplied) into a telephone wall jack.
2. Plug the other end of the same telephone cord into the tester's **Phone Jack**.

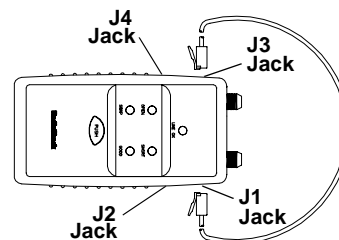


3. If the phone line is working, the **LINE OK** indicator automatically lights green. You do not need to press **PUSH** for this test. If the **LINE OK** indicator lights red, the phone line polarity is reversed. (Polarity reversal could interfere with data transfer and the operation of some devices, such as answering machines and modems.)
4. After checking the phone line, disconnect the modular cord from the wall jack and the tester's **Phone Jack**.

Checking a Telephone Cord

To check the status of a telephone cord, follow these steps.

1. Plug one end of a 2- or 4-wire telephone cord into the tester's **J1** telephone jack (or **J2** to check a handset cord).
2. Plug the other end of the same telephone cord into the tester's **J3** jack (or **J4** to check a handset cord).



3. One indicator lights.

- If the GOOD (green) indicator lights, the cord is good.
- If the SHORT (right red) indicator lights, the cord is shorted.
- If the SWAP (yellow) indicator lights, the cord is swapped.
- If the OPEN (left red) indicator lights, the cord is open.

Note: An open status takes priority over a short. You will need to retest the cord after it has been repaired or replaced.

- If the SWAP (yellow) indicator lights, the cable is swapped.
- If the OPEN (left red) indicator lights, the cable is open.

Note: An open status takes priority over a short. You will need to retest the cable after it has been repaired or replaced.

CARE

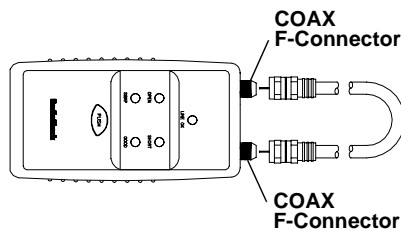
To enjoy your RadioShack Coaxial Cable and Telephone Cord Tester for a long time:

- Keep the tester dry. If it gets wet, wipe it dry immediately.
- Use and store the tester only in normal temperature environments.
- Handle the tester gently and carefully. Don't drop it.
- Keep the tester away from dust and dirt.
- Wipe the tester with a damp cloth occasionally to keep it looking new.

Checking a Coaxial Cable

To check the status of a coaxial cable, follow these steps.

1. Attach one end of a coaxial cable to one of the tester's **COAX F-connectors**.
2. Attach the other end of the same coaxial cable to the tester's other **COAX F-connector**.



3. Hold down **PUSH**.

4. One indicator lights.

- If the GOOD (green) indicator lights, the cable is good.
- If the SHORT (right red) indicator lights, the cable is shorted.

Modifying or tampering with the tester's internal components can cause a malfunction and invalidate its warranty. If your tester is not performing as it should, take it to your local RadioShack store for assistance.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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